



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

8-16-02

Applicants: J. Bednorz et al.

Date: August 4, 2000

Serial No.: 08/479,810

Group Art Unit: 1751

Filed: June 7, 1995

Examiner: M. Kopec

For: NEW SUPERCONDUCTIVE COMPOUNDS HAVING HIGH TRANSITION
TEMPERATURE, AND METHODS FOR THEIR USE AND
PREPARATION

Assistant Commissioner for Patents
Washington, D.C. 20231

AMENDMENT

Sir:

In response to the Office Action dated July 30, 1998, please consider the
following:

IN THE CLAIMS

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1. (Amended) A [superconductive] superconducting apparatus comprising a composition having a transition temperature greater than 26°K, the composition including a rare earth or near rare earth-like element, a transition metal element capable of exhibiting multivalent states and oxygen, including at least one phase that exhibits superconductivity at temperature in excess of 26°K means for maintaining said composition at said temperature to exhibit said superconductivity and means for passing an electrical superconducting current through said composition while exhibiting said superconductivity.